

JAMA Psychiatry

Research

Original Investigation

971 A Longitudinal Study of Resting Heart Rate and Violent Criminality in More Than 700 000 Men

A Latvala and Coauthors

979 Association of Predeployment Heart Rate Variability With Risk of Postdeployment Posttraumatic Stress Disorder in Active-Duty Marines

A Minassian and Coauthors for the Marine Resiliency Study Team

987 Association Between Social Integration and Suicide Among Women in the United States

AC Tsai and Coauthors

994 Shared Predisposition in the Association Between Cannabis Use and Subcortical Brain Structure

D Pagliaccio and Coauthors

1002 Early Cannabis Use, Polygenic Risk Score for Schizophrenia and Brain Maturation in Adolescence

L French and Coauthors

1012 Telephone-Delivered Cognitive Behavioral Therapy and Telephone-Delivered Nondirective Supportive Therapy for Rural Older Adults With Generalized Anxiety Disorder: A Randomized Clinical Trial

GA Brenes and Coauthors

1021 Antidepressant Response Trajectories and Associated Clinical Prognostic Factors Among Older Adults

SF Smagula and Coauthors

1029 Genetic Analysis of Association Between Calcium Signaling and Hippocampal Activation, Memory Performance in the Young and Old, and Risk for Sporadic Alzheimer Disease

A Heck and Coauthors

1037 Symptom-Onset Dosing of Sertraline for the Treatment of Premenstrual Dysphoric Disorder: A Randomized Clinical Trial

KA Yonkers and Coauthors

1045 Meta-analysis of Functional Neuroimaging of Major Depressive Disorder in Youth

CH Miller and Coauthors

Opinion

Viewpoint

959 Fibroblast Growth Factor 2 as a New Approach to Fighting Fear

BM Graham and R Richardson

Editorial

961 A Source of False Findings in Published Research Studies: Adjusting for Covariates

HC Kraemer

962 Low Resting Heart Rate as an Unequivocal Risk Factor for Both the Perpetration of and Exposure to Violence

A Raine

964 Heart Rate Variability in the Prediction of Risk for Posttraumatic Stress Disorder

A Shah and V Vaccarino

965 Suicide and Social Processes

ED Cairne

967 Solving the Geriatric Mental Health Crisis in the 21st Century

EJ Lenze

969 America's Cannabis Experiment

D Goldman

Clinical Review & Education

Continuing Medical Education

1064 Online Quiz Questions

LETTERS

Research Letter

1055 Adjusting Antidepressant Quality Measures for Race and Ethnicity

GE Simon and Coauthors

Comment & Response

1056 The Classification of Biomarkers

1057 Estimating Mortality Associated With Antipsychotics and Other Psychotropics

■ Issue Highlights and Continued Contents on page 957



A JAMA NETWORK
PUBLICATION

Research

Resting Heart Rate and Violent Criminality

971

Low resting heart rate is a well-established correlate of antisocial behavior in children and adolescents. Latvala and coauthors studied resting heart data and records of criminal convictions, assaults, and unintentional injuries in Swedish men. Men with low resting heart rate in late adolescence were at increased risk for violent and nonviolent criminality, being exposed to assault, and unintentional injury in adulthood. In an editorial, Raine discusses the importance of low resting heart rate in violence and antisocial behavior.

Editorial 962

Author Audio Interview jamapsychiatry.com

Social Integration and Suicide Risk

987

Most studies of suicide explore the biological and psychological determinants. Tsai and coauthors used Nurses' Health Study data to study the effect of social integration on suicide risk. During more than 1.2 million person-years of follow-up, there were 43 suicide events. The relative hazard of suicide was lowest among nurses in the highest category of social integration. Women who were socially well integrated had a more than 3-fold lower risk for suicide. In an editorial, Caine reviews sociological research devoted to suicide.

Editorial 965

Cannabis Use and Subcortical Brain Structure

994

Previous studies have linked cannabis use to changes in brain structure. As part of the Human Connectome Project, Pagliaccio and coauthors studied sibling pairs who differed with respect to cannabis use (unexposed, exposed, or discordant for cannabis use). Cannabis exposure was associated with smaller left amygdala and right ventral striatum volumes. The smaller amygdala volume was not simply caused by cannabis use but was primarily due to familial factors shared by siblings. In an editorial, Goldman discusses the potential consequences of cannabis use.

Editorial 969

Cannabis, Schizophrenia Genetic Risk, and Cortical Thickness

1002

Cannabis use during adolescence is associated with elevated risk for schizophrenia but the biological mechanisms for this effect are not known. French and coauthors used genetic, brain imaging, and cannabis use data to assess the impact of schizophrenia risk genes on the relationship between cannabis use and cortical maturation. Cannabis use had a negative impact on cortical thickness in men with a high schizophrenia polygenic risk, suggesting that cortical maturation mediates the link between cannabis and schizophrenia. In an editorial, Goldman discusses the potential consequences of cannabis use.

Editorial 969

Telephone-Delivered Psychotherapy for Rural Older Adults

1012

Generalized anxiety disorder is common in older adults, but access to treatment is limited in rural areas. Brenes and coauthors compared 2 telephone-delivered therapies, cognitive behavioral therapy and nondirective supportive therapy, in a randomized clinical trial of 141 adults 60 years and older. Cognitive behavioral therapy was superior to nondirective supportive therapy in reducing worry, generalized anxiety disorder symptoms, and depressive symptoms. In an editorial, Lenze discusses the role of mobile behavioral health services in the treatment of older adults with mental illness.

Editorial 967

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Opinion

Viewpoint

959 Fibroblast Growth Factor 2 as a New Approach to Fighting Fear
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HC Kraemer

962 Low Resting Heart Rate as an Unequivocal Risk Factor for Both the Perpetration of and Exposure to Violence
A Raine

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A Shah and V Vaccarino

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969 America's Cannabis Experiment
D Goldman

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Author Interview

AUDIO Interview with Antti Latvala, PhD, author of "A Longitudinal Study of Resting Heart Rate and Violent Criminality in More Than 700 000 Men"

Departments

958 Staff Listing

1012 CME Article

1060 Classified Advertising

1061 Journal Advertiser Index

1062 Contact Information

1064 CME Questions

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